

TESLAMAXTM

TM-4TM

NeuroMuscular Electrical Stimulator

There is a Difference!

With the TM-4TM you get the MAX in high-voltage, low-amperage AC output muscle stim.

The TM-4TM is a “Work In Progress” Not Yet Cleared By The FDA for Marketing

The Key Benefit of Electrical Stimulation Comes From Muscle Contractions



Deeper contractions for longer time periods get better results. Lower amperage allows greater patient tolerance. The TM-4TM generates the deepest, yet most comfortable, muscle contractions ever produced with a muscle stimulation device by taking full advantage of technology invented by Nikola Tesla. Tesla is widely hailed as one of the greatest electrical engineers and inventors of all time, famous for defeating Thomas Edison in the “Great Transmission War” early in the 20th century. Only Tesla’s patented technology was capable of overcoming the resistance of distance issues that limited the transmission of electricity over long distances. Tesla’s proprietary AC (alternating current) transformer technology is used everywhere today for optimal power transmission and conversion. The TeslaMaxTM TM-4TM uses this same technology to overcome similar resistance issues in the human body.

The Genius of Nikola Tesla

Nearly all (99.99%) electrical therapeutic devices on the market today are DC output (all the electrons moving in one direction only), instead of AC (Electrons moving back and forth alternating direction of flow and thus reducing friction, heat, and discomfort) and most such units output far too much amperage for patients to be able to tolerate more than the most gentle muscle contractions. The TM-4TM uses Tesla Based TechnologyTM to limit the amperage output over time to extremely low average Maximum Amperage Per Second (MAPS) while generating the deepest possible contractions via the highest possible voltage. The low MAPS is the key.

The TM-4TM Stimulation Simply Must Be Experienced To Be Understood

Even the deepest TM-4TM contractions “feel” like a “tickle” instead of the “pins and needles” caused by high amperage systems. Only super high voltage can saturate active muscle fibers and or edema to then overflow into the in-active atrophied muscles to get them to fire. To allow patients to experience the full exercise benefits of a full 45-minute session of such deep contractions, the amperage must be kept at extremely low MAPS. That is the secret of the TM-4TM's effectiveness.

FDA 510k claims generally allowed for this type of equipment (once registered) are:

1) Increase Local Circulation; 2) Muscle re-education; 3) Relaxation of muscle spasms; 4) Maintaining or increasing Range of Motion; 5) Prevention or retardation of Disuse Atrophy; 6) Immediate Post-surgical stimulation of calf muscles to prevent Venous Thrombosis.

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Until Rehaba gets the FDA 510k clearance on the TM-4™ it can only be used in clinical applications as part of Rehaba’s Field Beta Test Program. In this program, post-treatment results are monitored periodically by licensed healthcare practitioners to observe the powerful benefits of super deep contractions via super low amperage output in AC. Such super deep contractions move out edema and increase circulation so the body can return to a normal, healthy, oxygenated environment requisite to heal itself from a wide range of maladies. Rehaba’s TeslaMax™ TM-4™ uses its unique ability to generate super deep contractions tolerated by patients over longer treatment times to address the cause of the problem, not the symptom, because when the cause is resolved the symptoms go away.

Four Pots Control Eight Channels

The TeslaMax™ TM-4™ features four simple potentiometers, each of which can control the intensity output to up to 4 electrodes via special cables that allow the simultaneous use of 16 electrodes to treat multiple sites on one patient or to treat multiple patients with one unit. With the High/Low (H/L) feature, the stimulation of small figured individuals, small muscle groups or muscles in spasm can be applied in a more comfortable manner. The system is very user-friendly and applicable for in-clinic or in-home use by the patient or caregiver.

Technical Specifications

- Input Power: Wall-mounted transformer
- Input Voltage: 15 to 18.0 VDC
- Input Current: 500 mA
- Pulse Type: Symmetrical, Bi-Phasic Square Wave
- Pulse Output Voltage: 0 to 440 V Peak to Peak (open circuit)
- Pulse Output Current: 0 to 4.4mA Average (1K ohm load)
- Pulse Duration: 150 uS nominal
- Pulse Train ON Time: 1.5 sec. (Time pulses applied to output)
- Pulse Train OFF Time: 1.8 sec, (Time pulse not applied to output)
- Dimensions: 8” X 7.5” X 2.5”
- Weight: Less than 5 lb.
- Specs may evolve.

Complete and Ready to Use

- Main unit
- 4 non-disposable, reusable lead wires
- 4 Packages of 4 self-adhesive, disposable electrodes
- Instruction Booklet
- Quick Glance Card
- Carrying Case



For more information or to place an order, call us today at:

1-877-432-5660

Or visit www.rehaba.com